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Claim Amendments:

Cancel claims 21 and 22, and amend claims 20, 27, 29, 34, 35, and 37, as follows:

1-19. (cancelled)

20. (currently amended) A two-sided illuminated panel, comprising a first diffuser and a second diffuser arranged so as to face each other and adapted to form internally at least one chamber, said chamber being closed laterally, comprising one or more light sources supported laterally, and further comprising at least one partition arranged diagonally within said chamber, which is adapted to equalize the light emitted by said one or more light sources on said first and second diffusers, said at least one partition being a transparent alveolate partition comprising cannulas arranged at right angles to a light emission setting of said one or more light sources.

21-22. (cancelled).

23. (previously presented) The illuminated panel according to claim 20, wherein said one or more light sources are LEDs.

24. (previously presented) The illuminated panel according to claim 20, wherein said first and second diffusers are opalescent diffusers.

25. (previously presented) The illuminated panel according to claim 20, wherein said first and second diffusers are transparent alveolate panels.

26. (previously presented) The illuminated panel according to claim 23, wherein said partition is arranged diagonally within said chamber of said illuminated panel, so as to cover said one or more LEDs supported by one of covering elements arranged to close laterally the chamber and so as to leave exposed said one or more LEDs supported by another one of said covering elements.

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27. (currently amended) ~~The illuminated panel according to claim 20, wherein~~ A two-sided illuminated panel, comprising a first diffuser and a second diffuser arranged so as to face each other and adapted to form internally at least one chamber, said chamber being closed laterally, comprising one or more light sources supported laterally, and further comprising at least one partition arranged diagonally within said chamber, which is adapted to equalize the light emitted by said one or more light sources on said first and second diffusers, said partition being a transparent alveolate panel, adapted to provide refraction and diffraction of the light emitted by said one or more light sources, said first and second diffusers being transparent alveolate panels, said transparent alveolate diffusers and said transparent alveolate partition comprise comprising cannulas arranged at right angles to the light emission setting of said one or more light sources.

28. (previously presented) The illuminated panel according to claim 27, wherein said diffusers and said partition are formed monolithically.

29. (currently amended) ~~The illuminated panel according to claim 20, wherein~~ A two-sided illuminated panel, comprising a first diffuser and a second diffuser arranged so as to face each other and adapted to form internally at least one chamber, said chamber being closed laterally, comprising one or more light sources supported laterally, and further comprising at least one partition arranged diagonally within said chamber, which is adapted to equalize the light emitted by said one or more light sources on said first and second diffusers, said first and second diffuser elements forming a plurality of chambers arranged parallel and adjacent to each other.

30. (previously presented) The illuminated panel according to claim 29, wherein said covering elements support a plurality of LEDs, each LED facing a respective one of said chambers, a partition being arranged diagonally within each one of said chambers, said partition being adapted to equalize the light emitted by said LEDs.

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31. (previously presented) The illuminated panel according to claim 30, wherein said partition is a Lambertian diffuser element constituted by a continuous band that is adapted to lie diagonally within a chamber in order to pass into the directly adjacent chamber diagonally in a zigzag configuration.

32. (previously presented) The illuminated panel according to claim 31, wherein said band is a white band of elasticized gauze.

33. (previously presented) The illuminated panel according to claim 31, wherein said band is an opalescent elastomeric band.

34. (currently amended) The illuminated panel according to claim 31, wherein said band is a continuous band that is adapted to twist in a helical fashion inside each one of said chambers formed in said body panel.

35. (currently amended) The illuminated panel according to claim 34, wherein said band arranged in a helical shape is rotated through 180° over the entire length of each one of said chambers formed in body panel.

36. (previously presented) The illuminated panel according to claim 30, wherein said partition is constituted by a transparent alveolate panel that is arranged diagonally within each one of said chambers, said panel being adapted to produce refraction and diffraction of the light emitted by said LEDs.

37. (currently amended) The illuminated panel according to claim 36, wherein the said transparent alveolated partition comprising cannulas of said transparent alveolate partitions are arranged at right angles to the direction of emission of the light of said LEDs.

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38. (previously presented) The illuminated panel according to claim 20, further comprising a panel arranged so as to close upwardly said at least one chamber, said panel having a reflective inner surface.